

# Claims

- [c1] 1. A device capable of indicating access modes for an accessible memory card, comprising:  
an indicator; and  
an interface electrically connected to a card controller of the accessible memory card and to the indicator, wherein the indicator is driven by the interface to show users that the accessible memory card is performing an accessing operation when the card controller issues commands to operate the accessible memory card.
- [c2] 2. The device of claim 1, wherein the accessible memory card is selected from a group consisting of a compact flash (CF) card, a memory stick (MS) card, a multimedia card (MMC) and a secure digital card.
- [c3] 3. The device of claim 1, wherein the command issued from the card controller is selected from a group consisting of a "write" command, a "read" command and an "erase" command.
- [c4] 4. The device of claim 3, wherein the accessible memory card performs operation selected from a group consisting of a writing operation, a reading operation and an

erasing operation, and the accessible memory card carries out a writing operation when the card controller issues a "write" command, and the accessible memory card carries out a reading operation when the card controller issues a "read" command, and the accessible memory card carries out an erasing operation when the card controller issues an "erase" command.

[c5] 5. The device of claim 4, wherein when the card controller issues a "write" command, the indicator indicates that the accessible memory card is performing a writing operation.

[c6] 6. The device of claim 5, wherein the indicator further comprises at least a first light-emitting diode for indicating that the accessible memory card is performing a writing operation.

[c7] 7. The device of claim 4, wherein when the card controller issues a "read" command, the indicator indicates that the accessible memory card is performing a reading operation.

[c8] 8. The device of claim 7, wherein the indicator further comprises at least a second light-emitting diode for indicating that the accessible memory card is performing a reading operation.

- [c9] 9. The device of claim 4, wherein when the card controller issues an "erase" command, the indicator indicates that the accessible memory card is performing an erasing operation.
- [c10] 10. The device of claim 9, wherein the indicator further comprises at least a third light-emitting diode for indicating that the accessible memory card is performing a erasing operation.
- [c11] 11. The device of claim 4, wherein the indicator comprises a light-emitting diode for indicating that the accessible memory card is performing a reading operation.
- [c12] 12. The device of claim 11, wherein the light-emitting diode can be used for further indicating that the accessible memory card is performing an erasing operation.
- [c13] 13. The device of claim 11, wherein the light-emitting diode can be used for further indicating that the accessible memory card is performing a writing operation.
- [c14] 14. The device of claim 4, wherein the said interface further comprises a determination device for determining the command issued from the card controller.
- [c15] 15. The device of claim 4, wherein the interface further comprises a driver for driving the indicator.

- [c16] 16. The device of claim 1, wherein the interface further comprises a determination device for determining the command issued from the card controller.
- [c17] 17. The device of claim 1, wherein the interface further comprises a driver for driving the indicator.
- [c18] 18. The device of claim 1, wherein the accessible memory card further comprises an external interface for connecting the accessible memory card with a host machine.